

WHAT IS CLAIMED IS:

1. An information processing apparatus for selecting an object set with a function on a display screen, and executing the function, comprising:

5 determination means for determining objects each set with a function from multimedia contents encoded by object-based coding; and

control means for controlling the objects determined by said determination means so that each of the object is
10 to be selected in turn.

2. The apparatus according to claim 1, further comprising order setting means for setting a selection order of the objects determined by said determination means, and

15 wherein said control means sets the objects as the object to be selected in turn in accordance with the set selection order.

3. The apparatus according to claim 2, wherein said order setting means detects an order in which objects appear, an order in which objects are laid out vertically, or an order in which objects are laid out horizontally, and sets the selection order on the basis of the detected order.

4. The apparatus according to claim 2, wherein said control means comprises instruction means for instructing one of the objects determined by said determination means as the object to be selected.

5. The apparatus according to claim 4, wherein said control means comprises means for changing an instruction of the object to be selected by said instruction means in accordance with the selection order set by said order setting means.

6. The apparatus according to claim 5, further comprising means for identifiably informing a user of the object instructed as the object to be selected by said instruction means.

10 7. The apparatus according to claim 5, wherein said means for changing the instruction includes a button for switching the object to be selected by one touch in accordance with the selection order.

8. The apparatus according to claim 1, wherein the object-based coding includes MPEG-4.

15 9. The apparatus according to claim 1, wherein said multimedia contents encoded by object-based coding include BIFS data, and said determination means determines objects based on said BIFS data.

20 10. A method of selecting object comprising the steps of: determining objects each set with a function from multimedia contents encoded by object-based coding; and controlling the determined objects so that each of the objects is to be selected in turn.

25 11. The method according to claim 10, further comprising the step of setting a selection order of the determined objects, and

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wherein the objects are set as the object to be selected in turn in accordance with the set selection order.

12. The method according to claim 11, wherein the order setting step includes the step of detecting an order in which objects appear, an order in which objects are laid out vertically, or an order in which objects are laid out horizontally, and setting the selection order on the basis of the detected order.

13. The method according to claim 10, further comprising the step of identifiably informing a user of the object which is set as the object to be selected.

14. The method according to claim 11, wherein the object to be selected is switched by a button for switching the object to be selected by one touch in accordance with the selection order.

15. The method according to claim 10, wherein the object-based coding includes MPEG-4.

16. The method according to claim 10, wherein said multimedia contents encoded by object-based coding include BIFS data, and in said determination step, objects are determined based on said BIFS data.

17. A storage medium for computer-readably storing a control program for controlling an information processing apparatus for selecting an object set with a function on a display screen, and executing the function,

said control program comprising:

the determination step of determining objects each set with a function from multimedia contents encoded by object-based coding; and

the control step of controlling the determined
5 objects so that each of the object is to be selected in turn.

18. The medium according to claim 17, further comprising the step of setting a selection order of the determined objects, and

wherein the control step includes the step of setting
10 the objects as the object to be selected in turn in accordance with the set selection order.